

**Concurrent Sessions  
Thursday, July 26, 2007  
8:30 to 10:00 a.m.**

Scroll down and click on the [blue abstract title](#) to view that abstract. To return to this listing after viewing an abstract, click the “Go to Previous View” button  in the top frame.

**ADDRESSING COASTAL MANAGEMENT ISSUES  
THROUGH COLLABORATION**

[BUILDING PARTNERSHIPS FOR RESTORING THE ELWHA RIVER: THE ELWHA WATERSHED  
INFORMATION RESOURCE](#)

Tami S. Clabough and Christopher A. Peery, Department of Fish and Wildlife, University of Idaho; Matthew Beirne and Larry Ward, Lower Elwha Klallam Tribe; Katherine A. Nielsen, Perot Systems Government Services at the NOAA Coastal Services Center; Jeffery Adkins, NOAA Coastal Services Center

[PORT ORFORD: IMPLEMENTING COMMUNITY-BASED MANAGEMENT ON THE SOUTHERN  
OREGON COAST](#)

Leesa Cobb, Port Orford Ocean Resource Team; Caroline Gibson, Pacific Marine Conservation Council; Pete Stauffer, Surfrider Foundation

[RESTORING A BARRIER ISLAND ECOSYSTEM THROUGH REGIONAL SEDIMENT  
MANAGEMENT IN COASTAL MARYLAND](#)

Courtney Schupp, Assateague Island National Seashore

[INNOVATIVE WATER QUALITY PROTECTION STRATEGIES IN THE LAKE  
SUPERIOR WATERSHED](#)

Mindy Granley, Minnesota's Lake Superior Coastal Program; Marnie Lonsdale, City of Duluth, Director of the Regional Stormwater Protection Team

**COASTAL COMMUNITY DEVELOPMENT**

[DEVELOPMENT OF A WATER ACCESS AND USE PLAN FOR THE BLACKBIRD CREEK,  
APPOQUINIMINK RIVER, AND THEIR SHARED TIDAL WETLAND COMPLEX](#)

Kimberly B. Cole and David B. Carter, Delaware Coastal Programs, Division of Soil and Water Conservation, Department of Natural Resources and Environmental Control

[IT AIN'T EASY GROWING GREEN](#)

Jill Andrews, Georgia Department of Natural Resources, Coastal Management Program

*Proceedings of Coastal Zone 07  
Portland, Oregon  
July 22 to 26, 2007*

ECONOMICS OF ALTERNATIVE MARSHLAND DEVELOPMENT OPTIONS  
Warren Kriesel, Ph.D., University of Georgia

[KEEPING KAILUA KAILUA: WORKING WITH THE WINDWARD OAHU COMMUNITY OF  
KAILUA TO MAINTAIN ITS LIVABILITY](#)

Peter Rappa, University of Hawaii Sea Grant Extension Service; Stephen Meder, Center  
for Smart Building and Community Design

**DIFFERENT PERSPECTIVES LEAD TO DIFFERENT RESPONSES:  
HOW TO COMBINE OUR TALENTS TO ACHIEVE RESILIENCY**

RESILIENT COMMUNITIES UNDER THE COASTAL ZONE MANAGEMENT ACT: THE COASTAL  
ZONE ENHANCEMENT PROGRAM'S APPROACH TO COASTAL HAZARDS  
Josh Lott, NOAA Office of Ocean and Coastal Resource Management

[PASSING THE BUCK: MONEY, LEADERSHIP, AND RESPONSIBILITY FOR ADAPTATION TO  
SEA LEVEL RISE](#)

Susanne C. Moser, National Center for Atmospheric Research

STATE FLOODPLAIN MANAGEMENT

Pam Pogue, CFM, Rhode Island Emergency Management Agency

**EMERGING METHODS AND APPLICATIONS OF HABITAT  
MAPPING AND CLASSIFICATION**

[CALIFORNIA STATE WATER SEAFLOOR MAPPING: PROGRESS REPORT ON A  
COLLABORATIVE APPROACH](#)

Rikk Kvitek, Seafloor Mapping Lab, California State University, Monterey Bay

[SCHEME AND BEYOND, WORKING TOWARDS A COMPREHENSIVE COASTAL AND MARINE  
CLASSIFICATION SYSTEM](#)

David Palandro, Florida Fish and Wildlife Conservation Commission, Fish and Wildlife  
Research Institute

[APPLICATION OF A BOTTOM-UP MARINE BENTHIC HABITAT CLASSIFICATION SCHEME  
ALONG THE WEST COAST OF THE UNITED STATES](#)

Gary Greene, Monterey Bay Aquarium Research Institute

[DEVELOPING A MAPPING APPROACH TO CHARACTERIZE SEAFLOOR HABITATS IN TROPICAL  
MARINE ENVIRONMENTS USING MULTIBEAM AND INTERFEROMETRIC SONAR DATA](#)

Steve Rohmann, NOAA National Ocean Service, Special Projects Office; Timothy A.  
Battista, Charles Menza, and Bryan Costa, NOAA National Ocean Service, Center for  
Coastal Monitoring and Assessments; Caleb Gostnell and Paul Turner, NOAA National  
Ocean Service, Office of Coastal Survey

## **FOSTERING COASTAL MANAGEMENT AT THE LOCAL LEVEL THROUGH THE COASTAL ZONE MANAGEMENT ACT (CZMA)**

AN OVERVIEW OF LOCAL/STATE PARTNERSHIPS DEVELOPED THROUGH THE NATIONAL  
COASTAL ZONE MANAGEMENT PROGRAM

Elizabeth Mountz, NOAA, Office of Ocean and Coastal Resource Management

CASE STUDY: RHODE ISLAND'S SPECIAL AREA MANAGEMENT PLANNING EFFORTS

James Boyd, Rhode Island Coastal Resources Management Council

CASE STUDY: IMPLEMENTING THE CZMA THROUGH LOCAL COMPREHENSIVE PLANS IN  
ROCKAWAY BEACH AND TILLAMOOK COUNTY, OREGON

Lisa Phipps, Department of Community Development, Tillamook County, Oregon

CASE STUDY: SHORELINE MANAGEMENT IN BAINBRIDGE ISLAND, WASHINGTON

Peter Nantvedt Best, Department of Planning and Community Development, Bainbridge  
Island, Washington

## **LINKING OCEAN ECOSYSTEM HEALTH TO PUBLIC HEALTH**

### **SCIENCE AND MANAGEMENT FOR HARMFUL ALGAL BLOOMS**

Thomas M. Leschine and Meggen Chadsey, School of Marine Affairs,  
University of Washington

### **CHARACTERIZATION OF TYPE IV PILI OF *VIBRIO PARAHAEMOLYTICUS***

Rohinee N. Paranjpye, Asta Johnson, and Mark S. Strom, NOAA Fisheries Service,  
Northwest Fisheries Science Center; Diane Capps and Steve Moseley, Department of  
Microbiology, University of Washington

TRIBAL PERSPECTIVE: THE IMPORTANCE OF SEAFOOD

Patti Howard, Columbia River Inter-Tribal Fish Commission

THE SEAFOOD DILEMMA: HEALTH BENEFITS VS. BIOLOGICAL AND  
CHEMICAL CONTAMINANTS

Elaine Faustman, University of Washington School of Public Health and  
Community Medicine, Department of Environmental and Occupational  
Health Sciences

**WATERSHED GOVERNANCE: THEORY AND PRACTICE**

**THE INCOMPATIBILITY OF ECOSYSTEM BOUNDARIES AND POLITICAL BOUNDARIES: A  
FALSE DICHOTOMY IN WATERSHED MANAGEMENT**

Timothy M. Hennessey, Department of Political Science and Department of Marine  
Affairs, University of Rhode Island

**POLICY TOOLS FOR COLLABORATIVE WATERSHED MANAGEMENT**

Tomas M. Koontz and Scott D. Hardy, School of Environment and Natural Resources,  
Ohio State University

**USING PERFORMANCE MANAGEMENT SYSTEMS TO ENCOURAGE COLLABORATIVE  
WATERSHED GOVERNANCE: CHALLENGES AND OPPORTUNITIES**

Mark T. Imperial, Ph.D., Department of Political Science, University of North  
Carolina at Wilmington

**MAKING THE CONNECTIONS FLOW BOTH WAYS IN A COASTAL WATERSHED: THE  
TANZANIA COMMUNITY WATERSHED PARTNERSHIP PROGRAM IN THE WAMI RIVER BASIN**

Donald D. Robadue, Jr., and James Tobey, Coastal Resources Center, University of  
Rhode Island; Jeremiah Daffa, Tanzania Coastal Management Partnership

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10:30 a.m. to noon**

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**ABANDONED AND DERELICT VESSELS IN THE COASTAL ZONE**

WASHINGTON'S DERELICT VESSEL REMOVAL PROGRAM: OVERVIEW & EVOLUTION  
Melissa Montgomery, Washington State Department of Natural Resources

OREGON'S ABANDONED VESSEL PROGRAM  
Randy H. Henry, Oregon Marine Board

U.S. COAST GUARD'S RESPONSE TO ABANDONED VESSELS IN PUGET SOUND, WA  
LCDR Marty Smith, Chief, U.S. Coast Guard

ADDITIONAL FUNDING AND DISPOSAL OPTIONS ARE NEEDED TO ADDRESS THE PROBLEM  
OF DERELICT VESSELS  
Devon Grennan, Global Diving and Salvage

**APPLYING ADVANCED TECHNOLOGIES TO PRIORITY  
MANAGEMENT ISSUES: PARTNERING TO ADDRESS LAND USE  
CHANGES AND HUMAN HEALTH ISSUES**

SOUTHEAST COASTAL OCEAN OBSERVING – ENABLING COASTAL MANAGEMENT  
SOLUTIONS: THE LONG BAY ECOSYSTEM MANAGEMENT PROJECT  
Dwayne Porter, Ph.D., Belle W. Baruch Institute for Marine and Coastal Studies,  
University of South Carolina

DEVELOPMENT OF SENSORS FOR THE MOLECULAR DETECTION OF RED TIDE BLOOMS  
John Paul, Ph.D., University of South Florida

THE CALIFORNIA STATE UNIVERSITY CENTER FOR INTEGRATIVE COASTAL OBSERVATION,  
RESEARCH, AND EDUCATION (CICORE) – USING EMERGING TECHNOLOGIES TO ASSIST  
CALIFORNIA COASTAL RESOURCE MANAGERS  
Krista Kamer, Ph.D., Moss Landing Marine Laboratory, San Francisco State University

**APPLICATION OF A BIOGEOGRAPHIC ASSESSMENT APPROACH TO FACILITATE ECOSYSTEM  
MANAGEMENT IN CHESAPEAKE BAY**

Steve Giordano, NOAA Chesapeake Bay Office

**BUILDING A FRAMEWORK FOR ECOSYSTEM-BASED  
MANAGEMENT IN HUMBOLDT BAY**

**BUILDING A FRAMEWORK FOR ECOSYSTEM-BASED MANAGEMENT: THE  
HUMBOLDT BAY EXPERIENCE**

Susan Schlosser, University of California Sea Grant, Marine Extension Agent for  
Humboldt and Mendocino Counties

**WETLAND VEGETATION CLASSIFICATION AND MAPPING TO ASSIST IN SETTING  
ECOSYSTEM-LEVEL RESTORATION GOALS AT HUMBOLDT BAY**

Andrea J. Pickart, U.S. Fish and Wildlife Service, Humboldt Bay National  
Wildlife Refuge

**UTILITY OF OCEAN OBSERVING DATA IN UNDERSTANDING NEARSHORE ECOSYSTEMS**  
Frank J. Shaughnessy, Humboldt State University and Center for Integrative Coastal  
Observation, Research, and Education (CICORE)

**PARTNERING TO IMPLEMENT ECOSYSTEM-BASED MANAGEMENT APPROACHES  
IN HUMBOLDT BAY**

Jeff Robinson, Humboldt Bay Harbor, Recreation and Conservation District

**ECONOMIC DRIVERS IN OCEAN AND COASTAL MANAGEMENT**

**DOES BEACH NOURISHMENT PROTECT PROPERTY VALUES FROM HURRICANES? THE CASE  
OF THE 2004 AND 2005 HURRICANES**

James Murley, Lenore Alpert, Ph.D., and William B. Stronge, Ph.D., Center for Urban  
and Environmental Solutions (CUES), Florida Atlantic University

**LOUISIANA'S AGRICULTURAL WETLANDS: POTENTIAL ECOLOGICAL AND ECONOMIC  
BENEFITS AND COSTS**

John Westra, Ph.D., Center for Natural Resource Economics and Policy,  
Louisiana State University

**AN ECOLOGICAL ECONOMICS APPROACH TO UNDERSTANDING OREGON'S COASTAL  
ECONOMY AND ENVIRONMENT**

Carolyn Waldron, Oregon Ocean; Paula Swedeen, Ph.D., Earth Economics; Hans Radtke,  
Ph.D., The Research Group; David Batker, Earth Economics; Roel Boumans, Ph.D.,  
Gund Institute of Ecological Economics

**SECONDARY ECONOMIC IMPACTS OF COASTAL SPILLS**

Ernie Niemi, Ed Whitelaw, and Kristin Lee, ECONorthwest

**EDUCATING AND INVOLVING COMMUNITIES**

**PREPARING OUR TEACHERS FOR TOMORROW**

Sumita Bhattacharyya, Nicholls State University

**TEXAS INITIATIVES FOR INCREASING PUBLIC AWARENESS OF COASTAL PROCESSES**

Tiffany L. Hepner and James C. Gibeaut, Bureau of Economic Geology, Jackson School of Geosciences, University of Texas at Austin

**CONSTRUCTING A COASTAL DATA MODEL FOR PUGET SOUND: A CLASSROOM EXPERIENCE**

Timothy Nyerges, Scott Dudgeon, Tyanne Faulkes, and Miranda Hett, Department of Geography, University of Washington

**SUPPORTING NOAA PACIFIC SERVICES CENTER'S ENVIRONMENTAL LITERACY  
INITIATIVES THROUGH THE BAY WATERSHED EDUCATION AND TRAINING (B-WET)  
HAWAI'I PROGRAM**

Divina Corpuz, B-WET Hawai'i Program, NOAA Pacific Services Center; Bill Thomas, NOAA Pacific Services Center

**IMPLEMENTING VISUALIZATION TOOLS IN COASTAL MANAGEMENT**

**NEAR-REAL TIME VISUALIZATION OF INUNDATION ALONG THE NORTHERN OREGON  
COAST: A TOOL FOR COASTAL MANAGERS**

Tara Miller, I.M. Systems Group at the NOAA Coastal Services Center

**VISUALIZATION FOR COASTAL MANAGERS**

Hansje Gold-Krueck, I.M. Systems Group at the NOAA Coastal Services Center

**COASTAL CHANGE ANALYSIS: A FRAMEWORK FOR MONITORING OUR NATION'S COASTS**

Susan Fox, Perot Systems Government Services at the NOAA Coastal Services Center

**VISUAL IMPACT ASSESSMENT OF COASTAL DEVELOPMENT: CREATING A  
MANAGEMENT METHODOLOGY**

Terry Yasuko Ogawa, NOAA Coastal Management Fellow, Office of Long Island Sound Programs, Connecticut Department of Environmental Protection

## **STORMWATER MANAGEMENT**

### **HOW DO STORMWATER MANAGEMENT DECISIONS AFFECT COASTAL ZONE WATER QUALITY?**

Thomas Ballesterio, University of New Hampshire Stormwater Center

### **EDUCATION PROGRAMS FOR STORMWATER PROFESSIONALS AND COMMUNITY ASSOCIATIONS IN COASTAL SOUTH CAROLINA**

Daniel R. Hitchcock, Baruch Institute of Coastal Ecology and Forest Science,  
Clemson University; Calvin B. Sawyer, Agricultural and Biological Engineering  
Department, Clemson University

### **IS BETTER MANAGEMENT NEEDED FOR SOUTH CAROLINA STORMWATER PONDS?**

Sadie R. Drescher and Braxton C. Davis, South Carolina Department of Health and  
Environmental Control, Office of Ocean and Coastal Resource Management; Mark J.  
Messersmith, University of Charleston, Master of Environmental Studies Program;  
Denise M. Sanger, South Carolina Sea Grant Consortium

### **NON-POINT SOURCE POLLUTION AS AN EMERGING THREAT TO PACIFIC SALMON**

Nathaniel Scholz, NOAA Northwest Fisheries Science Center



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2:00 to 3:00 p.m.**

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**APPLICATIONS OF REMOTE SENSING**

**THE RELATIONSHIP OF IMPERVIOUSNESS AND LANDSLIDES IN SEATTLE, WASHINGTON**

George Xian and Brian Granneman, Science Applications International Corporation (SAIC), contractor to the U.S. Geological Survey (USGS), Earth Resources Observation Systems (EROS); Michael Crane, USGS EROS

**PLANNING FOR SEA LEVEL RISE IN MAINE: MAKING WAY FOR THE DUNES**

Peter A. Slovinsky, Maine Geological Survey

USING LAND COVER, WILDLIFE ACTIVITY ESTIMATES, AND ANTIBIOTIC RESISTANCE ANALYSIS TO DETERMINE SOURCES OF FECAL COLIFORM BACTERIA IN TIDAL RETENTION PONDS AND THEIR ASSOCIATED TIDAL CREEKS ON KIAWAH ISLAND, SOUTH CAROLINA  
Thomas Pullaro, NOAA Center for Coastal Environmental Health and Biomolecular Research

**APPLYING INTEGRATED COASTAL ZONE MANAGEMENT PRINCIPLES  
IN INTERNATIONAL COASTAL SETTINGS**

**SCIENCE BASED INTEGRATED COASTAL ZONE MANAGEMENT IN THE BALEARIC ISLANDS**

Joaquín Tintoré and Amy Diedrich, Instituto Mediterráneo de Estudios Avanzados (IMEDEA)

**MASTER PLAN FOR THE SUSTAINABILITY OF SPANISH COAST: TARRAGONA AND CASTELLON CASE STUDY**

Jordi Galofré, Tarragona Coastal Service, Ministry of Environment; Francisco J. Montoya, Castellón Coastal Service, Ministry of Environment

## **FEDERAL FUNDING AND TECHNICAL ASSISTANCE FOR COASTAL MANAGEMENT**

### **KEY STEPS TO FINDING NOAA FUNDING OPPORTUNITIES AND DEVELOPING SUCCESSFUL GRANT PROPOSALS**

James Lewis A. Free, NOAA Coastal Services Center

USE OF STUDENT CAPSTONE DESIGN TO ENHANCE COASTAL HABITAT  
David Kriebel, Ocean Engineering Program, U.S. Naval Academy

### **INTRODUCTION TO FEDERAL EMERGENCY MANAGEMENT AGENCY HAZARD MITIGATION GRANT PROGRAMS**

Lawrence Frank, URS Corporation

## **MARINE CONSERVATION PLANNING**

PLANNING FOR MARINE CONSERVATION IN SOUTH AMERICA: A CONTINENTAL APPROACH  
TO PRIORITY SETTING

Anthony Chatwin, The Nature Conservancy

### **CONSERVATION PLANNING AT THREE ESTUARINE SITES IN THE SOUTHEAST UNITED STATES: SUCCESS AND CHALLENGES**

Mary Conley, The Nature Conservancy, South Carolina Chapter; Rob Sutter, The Nature  
Conservancy, Southern Region; Christi Lambert, The Nature Conservancy, Georgia  
Chapter; Jeff DeBlieu, The Nature Conservancy, Climate Change Initiative; Sam  
Pearsall, The Nature Conservancy, North Carolina Chapter; Lauren Long, University of  
Charleston, Master of Environmental Studies Program

LESSONS LEARNED ABOUT STAKEHOLDER INVOLVEMENT FROM THE CALIFORNIA MARINE  
LIFE PROTECTION ACT (MLPA) INITIATIVE

Melissa Miller-Henson, California MLPA Initiative

## **MONITORING AND ASSESMENT OF CORAL REEF MARINE PROTECTED AREA SYSTEMS**

### **SOCIOECONOMIC CONDITIONS IN CORAL REEF MARINE PROTECTED AREAS: FIRST-EVER COMPREHENSIVE ANALYSIS OF DATA FROM THE GLOBAL SOCIOECONOMIC MONITORING INITIATIVE**

Christy Loper, NOAA's Coral Reef Conservation Program; Bob Pomeroy,  
University of Connecticut

**REPORT ON THE STATUS OF MARINE PROTECTED AREAS IN CORAL REEF ECOSYSTEMS OF THE UNITED STATES, VOLUME 1: MARINE PROTECTED AREAS MANAGED BY U.S. STATES, TERRITORIES, AND COMMONWEALTHS**

Dana Wusinich-Mendez and Meghan Gombos, NOAA Office of Ocean and Coastal Resource Management; Carleigh Trappe, NOAA Office of Ocean and Coastal Resource Management, American Samoa Coral Reef Advisory Group; Greg Moretti, Commonwealth of the Northern Mariana Islands, Division of Fish and Wildlife; Karen Bareford, Florida Department of Environmental Protection, Office of Coastal and Aquatic Managed Areas; Jay Gutierrez, Guam Department of Agriculture, Division of Aquatic and Wildlife Resources; Valerie Brown, NOAA Fisheries, Office of Habitat Conservation; Jill Komoto, Hawaii Department of Land and Natural Resources, Division of Aquatic Resources; María del Mar López-Rivera and Ernesto Díaz, Puerto Rico Department of Natural and Environmental Resources; Susan Curtis, U.S. Virgin Islands Department of Planning and Natural Resources, Coastal Zone Management Division

**U.S. MARINE PROTECTED AREAS CORAL REEF HABITAT ASSESSMENT**

Joel G. Murray and Chris David, NOAA National Ocean Service, Special Projects Office

**PERFORMANCE MEASURES AND ECOLOGICAL INDICATORS AS TOOLS TO INFORM DECISION MAKERS AND INVOLVE LOCAL COMMUNITIES IN COASTAL MANAGEMENT**

**USING PERFORMANCE MEASURES TO SUPPORT THE FEDERAL-STATE COASTAL MANAGEMENT PARTNERSHIP**

Laurie Rounds, NOAA Office of Ocean and Coastal Resource Management

**STRATEGIES FOR IMPLEMENTING PERFORMANCE MEASURES ACROSS A BROAD RANGE OF STATE AND LOCAL STAKEHOLDERS**

Benjamin W. Rhame, Texas General Land Office

**RAISING THE BAR: USING PERFORMANCE MEASURES TO IMPROVE PROGRAMS IN THE NATIONAL ESTUARINE RESEARCH RESERVE SYSTEM**

Kate Barba, NOAA Estuarine Reserves Division; Lisa Auermuller, Jacques Cousteau Coastal Education Center

**POST KATRINA: COASTAL PLANNING IN LOUISIANA**

**COASTAL PLANNING IN LOUISIANA REDEFINED POST-HURRICANES KATRINA AND RITA**

John A. Lopez and Carlton Dufrechou, Lake Pontchartrain Basin Foundation

**COMPREHENSIVE PLANNING OR MUDDLING THROUGH? THE RECOVERY PROCESS IN A POST-KATRINA NEW ORLEANS.**

Traci L. Birch and John L. Renne, Ph.D., Department of Planning and Urban Studies, University of New Orleans

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**COASTAL HAZARD MITIGATION IN LOUISIANA: OFFERING GUIDANCE ON SITING AND  
CONSTRUCTION FOR SAFER COMMUNITIES**

Lisa C. Schiavinato, J.D., North Carolina Sea Grant and North Carolina Coastal  
Resources Law, Policy, and Planning Center at University of North Carolina School of  
Law in Chapel Hill; James G. Wilkins, M.S., J.D., Louisiana Sea Grant Legal Program

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3:30 to 5:00 p.m.**

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**AQUATIC RESTORATION IN URBAN ENVIRONMENTS**

[DESCHUTES RIVER ESTUARY FEASIBILITY STUDY, PART ONE: PHYSICAL AND BIOLOGICAL SCIENCE STUDIES](#)

Curtis D. Tanner, Washington Department of Fish and Wildlife; Guy Gelfenbaum and Douglas A. George, U.S. Geological Survey; Ralph J. Garono, Earth Design Consultants; Susan Tonkin, Moffatt and Nichol

[DESCHUTES RIVER ESTUARY FEASIBILITY STUDY, PART TWO: SOCIO-ECONOMIC ANALYSIS OF COMMUNITY-IDENTIFIED VALUES](#)

Margen Carlson, Washington Department of Fish and Wildlife; Michael Taylor, Cascade Economics LLC; Susan Burke and Katharine Wellman, Northern Economics Inc.; Matthew Wilson, Spatial Informatics Group LLC

[ECOSYSTEM RESTORATION IN AN URBANIZED WATERSHED: THE NARRAGANSETT BAY EXPERIENCE](#)

Thomas Ardito, Narragansett Bay Estuary Program

[A TALE OF TWO STREAMS: COMPARING AND CONTRASTING DIFFERENT DEFINITIONS OF SUCCESSFUL WATERSHED RESTORATION](#)

Erika Ammann, NOAA Restoration Center; Jeanne Hanson, NOAA Fisheries, Alaska Region

**BUILDING A COLLABORATIVE NATIONAL SYSTEM OF MARINE  
PROTECTED AREAS: A WEST COAST PILOT**

**Panelists:**

Charles Wahle, NOAA National Marine Protected Areas Center  
Melissa Miller-Henson, California Marine Life Protection Act Initiative  
Greg McMurray, Oregon Department of Land Conservation and Development  
Kevin Ryan, U.S. Fish and Wildlife Service  
Robert Pavia, NOAA National Marine Sanctuary Program  
TBD, Northwest Tribal Representative

## **MARINE DEBRIS: SOLUTIONS AND PARTNERSHIPS**

### **[A NOVEL APPROACH TO ASSESS THE POTENTIAL EFFECTS OF DERELICT CRAB TRAPS IN THE CHESAPEAKE BAY](#)**

H. Ward Slacum Jr. and Jay Volstad, Versar Incorporated, Ecological Sciences and Analysis; Steve Giordano, Doug Levin, and Colin Little, NOAA Chesapeake Bay Office; Jay Lazar and David Bruce, Versar, Inc., NOAA Chesapeake Bay Office

### **[NETS TO ENERGY: THE HONOLULU DERELICT NET RECYCLING PROGRAM](#)**

Lindsay Yates, I.M. Systems Group at the NOAA Restoration Center

### **[PREVENTION OF VESSEL DEBRIS IN THE COMMONWEALTH OF THE NORTHERN MARIANA ISLANDS](#)**

Douglas Robert Helton, NOAA Office of Response and Restoration, Emergency Response Division

### **[CALCASIEU LAKE MARINE DEBRIS MARKING AND MAPPING PROJECT](#)**

Justin Farrell, Louisiana Sea Grant College Program, Louisiana State University

## **PREPARING FOR COASTAL HAZARDS**

### **[EMERGENCY COMMUNICATION AND RISK PERCEPTIONS IN NORTH CAROLINA'S COASTAL ZONE](#)**

Heather Ward, Coastal Resources Management, East Carolina University; Donna Kain and Catherine Smith, Department of English, East Carolina University; Tom Crawford, Department of Geography, East Carolina University; John Howard, Department of Communications, East Carolina University

### **[LESSONS LEARNED FROM THE SAFE SEAS 2006 EXERCISE](#)**

Amy Holman, NOAA Emergency Response Program; Lisa Symons, NOAA National Marine Sanctuaries Program

### **[BRIDGING SCIENCE AND MANAGEMENT TO PREPARE FOR HURRICANE STORM SURGE](#)**

Joshua Young, University of Charleston, Master of Environmental Studies Program

### **[PROVIDING INUNDATION DECISION-SUPPORT TOOLS TO COASTAL COMMUNITIES](#)**

Doug Marcy, NOAA Coastal Services Center; Tashya Allen and John M. Power, I.M. Systems Group at the NOAA Coastal Services Center

## **THE ROLE OF SENTINEL HABITATS AS INDICATORS FOR OCEANS AND HUMAN HEALTH**

### **TIDAL CREEKS: SENTINEL HABITATS FOR ASSESSING ECOLOGICAL AND HUMAN RESPONSES TO COASTAL WATERSHED DEVELOPMENT**

Fred Holland, Ph.D., NOAA National Ocean Service, National Centers for Coastal Ocean Research, Hollings Marine Laboratory

### **URBANIZING COASTAL STREAMS IN THE PACIFIC NORTHWEST AS SENTINEL HABITATS**

Tracy K. Collier, Ph.D., NOAA Fisheries, Northwest Fisheries Science Center

### **OYSTER REEFS ON THE WEST COAST AS INDICATORS FOR COASTAL ECOSYSTEM AND HUMAN HEALTH**

Jennifer Ruesink, Ph.D., Department of Biology, University of Washington

### **CORAL REEF ECOSYSTEMS AND HUMAN HEALTH**

Jo-Ann C. Leong, Ph.D., Hawai'i Institute of Marine Biology, School of Ocean and Earth Science and Technology at the University of Hawai'i, Manoa

## **SHELLFISH MAPPING AND RESTORATION CASE STUDIES**

### **ACOUSTIC MAPPING AND GIS AIDED OYSTER RESTORATION**

Jay Lazar and David Bruce, NOAA Chesapeake Bay Office, Versar Inc.; Steve Giordano, Doug Levin, and Colin Little, NOAA Chesapeake Bay Office; Ward Slacum, Versar, Inc.

### **OYSTERS: A MAGNETIC ATTRACTION BY AN UNLIKELY CHARISMATIC "MEGAFUNA"**

Anne Birch and Gayle Hoffman, The Nature Conservancy; Dr. Linda Walters and Andrea Barber, University of Central Florida

### **DELAWARE BAY BENTHIC MAPPING PROJECT: OYSTER HABITAT IDENTIFICATION AND BOTTOM SEDIMENT DISTRIBUTION MAPPING**

Bartholomew Wilson, Delaware Coastal Program

### **A PRACTITIONER'S PERSPECTIVE ON SHELLFISH RESTORATION: WHY *DON'T* WE MANAGE SHELLFISH AS THE ECOSYSTEM ENGINEERS THAT THEY REALLY ARE?**

Robert D. Brumbaugh and Michael W. Beck, The Nature Conservancy, Global Marine Initiative; Loren D. Coen, South Carolina Department of Natural Resources; Raymond E. Grizzle, Jackson Estuarine Laboratory, University of New Hampshire

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## **WATERFRONT REDEVELOPMENT UNDER THE NATIONAL COASTAL ZONE MANAGEMENT PROGRAM**

WATERFRONT REDEVELOPMENT UNDER THE NATIONAL COASTAL ZONE  
MANAGEMENT PROGRAM, INTRODUCTION

Kris Wall, NOAA Office of Ocean and Coastal Resource Management,  
Coastal Programs Division

WATERFRONT REVITALIZATION IN FLORIDA'S COASTAL COMMUNITIES

Jennifer Z. Carver, AICP, Division of Community Planning, Florida Department of  
Community Affairs

**THE PORTFIELDS INITIATIVE: REVITALIZING PORT AND HARBOR COMMUNITIES**

Brent Ache, NOAA National Ocean Service, Special Projects Office; Mary Baker, David  
Holst, Rob Neely, NOAA Office of Response and Restoration; Kenneth Walker, NOAA  
Office of Ocean and Coastal Resource Management

WATERFRONT REDEVELOPMENT ON THE LOCAL FRONT: EXAMPLES FROM  
ASTORIA, OREGON

Todd Scott, Community Development, Astoria City Hall, Astoria, Oregon

INTRODUCING THE PUBLIC TO MARINE COMMERCE: EFFECTIVE URBAN WATERFRONTS

James A. Fawcett, Ph.D., Marine Science and Policy Outreach, University of Southern  
California Sea Grant Program